

In re Application of:

Jean-Pierre Issa

Application No.: 09/398,522

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PATENT

Attorney Docket No.: JHU1590

10. (Amended) A method for detecting a cellular proliferative disorder associated with CACNA1G, CDX2, EGFR, FBN1, GPR37, HSPA6, IQGAP2, KL, PAR2, PITX2, PTCH, SDC1 or SDC4 comprising:
- a) contacting a nucleic acid-containing specimen from a subject with an agent that provides a determination of the methylation state of at least one CpG island of a gene or associated regulatory region of the gene;
- wherein the gene is selected from the group consisting of APOB, CACNA1G, CDX2, EGFR, FBN1, GPR37, HSPA6, IQGAP2, KL, PAR2, PITX2, PTCH, SDC1, SDC4 and combinations thereof and
- b) detecting aberrant methylation of a region of the gene or regulatory region, wherein hypermethylation of a region as compared to the same region of the gene or associated regulatory region in a subject not having said cellular proliferative disorder is indicative of a cellular proliferative disorder.